MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JUNE 1951

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

JUNE 1951

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	22:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	53.2	51.9	51.3	52.1	28.0	21.2	25.5	27.4	22.7	25.2
2	51.6	52.3	53.3	52.4	28.1	21.2	25.7	27.9	22.7	25.4
3	54.9	55.1	55.6	55.2	28.7	21.3	25.6	26.8	22.9	25.4
4	56.7	56.6	56.9	56.7	28.4	21.6	25.6	27.9	22.5	25.3
5	54.7	57.6	57.8	56.7	28.8	20.9	25.6	28.4	22.9	25.6
6	55.8	58.8	59.1	57.9	28.4	21.9	25.6	27.4	23.2	25.4
7	58.9	58.6	58.5	58.7	30.4	22.6	27.5	29.7	24.2	27.1
8	58.3	57.8	58.1	58.1	30.8	22.1	28.3	29.7	24.4	27.5
9	58.5	58.3	58.1	58.3	29.1	23.2	26.2	29.3	22.3	25.9
10	58.3	57.9	58.0	58.1	29.3	22.2	26.6	28.7	23.7	26.3
11	58.6	56.8	56.9	57.4	29.0	22.1	26.7	28.7	23.7	26.4
12	57.4	57.4	57.5	57.4	29.5	20.8	26.8	29.4	23.2	26.5
13	57.5	56.8	56.7	57.0	29.0	22.2	26.6	29.0	23.6	26.4
14	56.4	55.7	56.0	56.0	29.0	21.6	26.2	28.9	23.3	26.1
15	55.7	55.5	57.0	56.1	29.0	20.8	26.7	28.3	23.2	26.1
16	58.1	58.3	58.4	58.3	29.2	20.3	26.7	28.8	23.2	26.2
17	58.9	58.5	58.4	58.6	29.6	20.5	26.3	29.2	22.7	26.1
18	57.7	56.8	56.6	57.0	28.8	20.8	26.0	29.1	23.2	26.1
19	55.3	55.0	55.2	55.2	29.3	20.8	26.3	28.7	23.2	26.1
20	55.7	55.4	56.8	56.0	29.7	21.2	26.7	27.5	23.5	25.9
21	57.4	57.3	58.2	57.6	29.0	22.3	26.8	28.2	24.3	26.4
22	58.3	58.7	59.0	58.7	29.9	21.7	27.2	29.7	23.7	26.9
23	58.1	58.0	58.3	58.1	29.9	21.7	27.8	29.4	23.4	26.9
24	57.7	57.4	58 6	57.9	30.0	22.5	27.8	29.4	24.4	27.2
25	57.3	56.9	57.4	57.2	30.4	22.2	27.2	29.8	24.4	27.1
26	57.2	57.0	57.5	57.2	30.7	22.8	27.8	29.5	24.6	27.3
27	58.0	58.0	58.2	58.1	31.4	23.2	27.2	30.4	24.4	27.3
28	58.1	57.5	57.3	57.6	30.4	23.2	28.1	29.2	25.2	27.5
29	57.9	57.5	57.3	57.6	30.7	23.5	28.3	29.9	25.2	27.8
30	56.9	56.4	56.9	56.7	31.6	24.3	27.8	31.3	25.6	28.2
31										
	56.97	56.86	57.16	56.99	29.54	21.89	26.77	28.92	23.56	26.45

Barometer, range for month 759.1 mm. — 751.3 mm
„ 71-yr. average for month 757.92 mm.
Thermometer, range for month 31.6°C — 20.3°C
„ 71-yr. average for month 25.62°C
Rain total for month 0.00 mm.
„ 71-yrs average for month 3.26 mm.
„ Total, Sept. 1st. to end of month 690.38 mm.
„ 71-yrs. average. Sept. 1st. to end of month 891.41 mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	20.2	22.1	23.7	22.0	62	61	85	69			
2	23.1	24.4	23.7	23.7	70	65	85	73			
3	24.1	25.3	24.4	24.6	74	72	88	78			
4	23.5	23.0	22.2	22.9	72	61	83	72			
5	21.5	23.3	22.4	22.4	66	60	80	69			
6	22.8	23.5	23.9	23.4	70	65	85	73			
7	26.5	26.7	27.1	26.8	70	64	88	74			
8	28.3	29.2	25.7	27.7	73	70	83	75			
9	21.7	22.4	20.4	21.5	65	55	75	65			
10	22.6	25.7	23.9	24.1	65	65	84	71			
11	26.7	27.1	26.2	26.7	76	67	88	77			
12	23.9	24.5	23.3	23.9	69	59	82	70			
13	21.9	23.5	23.5	23 0	63	59	78	67			
14	20.9	29.3	19.5	23.2	60	74	68	67			
15	21.3	21.2	20.1	20.9	60	55	70	62			
16	19.3	20.1	20.1	19.8	55	51	71	59			
17	20.4	23.1	20.5	21.3	60	56	74	63			
18	19.8	21.5	21.4	20.9	59	55	74	63			
19	21.2	22.2	22.0	21.8	63	55	78	65			
20	21.9	21.7	21.4	21.7	63	57	74	65			
21	22.5	24.0	22.4	23.0	68	61	74	68			
22	22.4	23.3	22.2	22.6	62	54	74	63			
23	23.7	23.1	21.4	22.7	64	56	74	65			
24	21.7	22.4	22.4	22.2	58	55	73	62			
25	22.8	24.8	23.0	23.5	63	58	75	62			
26	33.7	23.8	24.4	24 0	64	57	80	67			
27	25.6	25.8	25.0	25.5	71	59	81	70			
28	27.1	27.4	26.6	27.0	71	67	85	74			
29	26.2	26.9	26.6	26.6	68	63	85	72			
30	28.0	26.1	25.5	26.5	75	57	78	70			
31											
	23.18	24.25	23.16	23.53	65.8	60.4	79.0	68.3			

Height of Barometer above sea level : 33.7 meters.
" " Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	2cu-ci	0	0	1.0	3sw	4sw	3sw		
2	1ci	3cu	0	1.3	4sw	3sw	1sw		
3	0	2cu	2cu	1.3	2sw	2n	1ne		
4	1ci	2cu	0	1.0	2sw	2sw	1sw		
5	0	2st-cu	7st	4.0	2sw	3sw	2sw		
6	2 u-ci	0	0	0.7	2sw	2nw	2ne		
7	0	0	0	0.0	1sw	1nw	1ne		
8	0	0	0	0.0	1w	2nw	1nw		
9	0	2cu	0	0.7	3sw	2sw	1w		
10	0	0	0	0.0	2sw	2nw	0		
11	0	0	0	0.0	3sw	4sw	2sw		
12	0	0	0	0.0	2sw	3sw	2sw		
13	0	0	1cu	0.3	3sw	2sw	2sw		
14	3cu-st	4cu	4cu	3.7	3sw	3sw	3sw		
15	4cu	3cu	4cu	3.7	2sw	3sw	3sw		Tr., a.m.
16	0	0	0	0.0	3sw	2sw	1sw		
17	0	0	0	0.0	1sw	1sw	1sw		
18	0	5cu-ci	3cu	2.7	2sw	1sw	2sw		
19	0	3cu	3cu	2.0	3sw	3w	2sw		
20	1cu-ci	2cu	2cu	1.7	2w	2nw	0		
21	3cu	1cu	3cu	2.3	1nw	2n	1n		
22	2cu	4cu	3cu	3.0	2sw	2nw	1nw		
23	3cu	2cu	1cu	2.0	2sw	2nw	1nw		
24	2cu	1cu	0	1.0	2w	3w	1nw		
25	3cu	2cu	3cu	2.7	3sw	2sw	2sw		
26	0	2cu	4cu	2.0	2sw	2sw	1sw		
27	4cu	0	3cu	2.3	2w	2nw	1nw		
28	1st	0	0	0.3	2sw	2n	1ne		
29	0	0	0	0.0	2w	2w	0		
30	0	0	0	0.0	2sw	2w	1sw		Good Visibility, p.m
31									
				1.32					

Abbreviations : G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	0	0	0	24	5	1	0	30
14:30	3	0	0	0	0	15	4	8	0	30
20:30	1	4	0	0	0	16	1	5	3	30
Total	4	4	0	0	0	55	10	14	3	90

Number of days with rain 0, fog 0, thunderstorms 0, gale 0.
71 yr. av. number of days with rain during month 0.79